

ABSTRACT OF THE DISCLOSURE

Apparatus for displaying, measuring the size of and counting individual inclusions in suspension in moving liquid metal using an ultrasound sensor including emission device for emitting ultrasound beam pulses and at least one reception device for detecting reflected ultrasound beam pulses. The apparatus also includes an echo acquisition and processing device for reflected ultrasound beams received by the at least one reception means, a display device for displaying echos as images of inclusions, an image analysis device to count and measure inclusions based on the displayed images, and at least one control reflector having predetermined dimensions and geometry stable over time and which can be selectively placed in path defined by the ultrasound beam pulses. The control reflector enables calibration of the apparatus.